

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled)
2. (previously presented): The process according to claim 5, whereby the directory enquiry facility also issues an action command that causes the terminal to determine the telephone number from the numeric string and to save the telephone number in the memory in the terminal provided for direct dialing of telephone numbers.
3. (previously presented): The process according to claim 5, whereby the telephone number is displayed on a display in the terminal.
4. (previously presented): The process according to claim 7, where the telecommunication network is an ISDN network and the second channel is a D channel of the ISDN network.
5. (currently amended): A process of transmitting a telephone number of a desired subscriber from a directory enquiry facility to a terminal connected to the directory enquiry

facility over a telecommunication network with a first channel for voice transmission and a second channel for data transmission, said process comprising:

transmitting an enquiry with the data describing the desired subscriber from the terminal to the directory enquiry facility on the first channel;

transmitting the telephone number in the form of a numeric string from the directory enquiry facility to the terminal on the second channel;

receiving the numeric string at the terminal;

determining the telephone number from the numeric string; and

storing the telephone number in a memory in the terminal provided for direct dialing of telephone numbers,

~~where the telecommunication network is a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network; and~~

~~wherein the first channel is configured for use with the second channel during a single telephone call.~~

wherein the terminal sends a message to the directory enquiry facility on the second channel indicating to the directory enquiry facility a request for further information.

6. (previously presented): The process according to claim 5, whereby the directory enquiry facility sends the data describing the desired subscriber as an alpha-numeric string to the

terminal on the second channel, and the terminal receives the alpha-numeric string, derives the data from the alpha-numeric string, and displays it on a display.

7. (previously presented): A process of transmitting a telephone number of a desired subscriber from a directory enquiry facility to a terminal connected to the directory enquiry facility over a telecommunication network with a first channel for voice transmission and a second channel for data transmission, said process comprising:

transmitting an enquiry with the data describing the desired subscriber from the terminal to the directory enquiry facility on the first channel;

transmitting the telephone number in the form of a numeric string from the directory enquiry facility to the terminal on the second channel;

receiving the numeric string at the terminal;

determining the telephone number from the numeric string; and

storing the telephone number in a memory in the terminal provided for direct dialing of telephone numbers,

wherein said terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

8. (currently amended): A directory enquiry facility comprising:

receiver means for connecting to a terminal over a telecommunication network on a line

with a first channel for voice transmission and a second channel for data transmission, and receiving on the first channel an enquiry with data describing a desired subscriber, and receiving on the second channel a message sent by the terminal indicating to the directory enquiry facility a request for further information;

converter means for converting a telephone number into a numeric string; and

transmitter means for transmitting the numeric string to the terminal on the second channel; ~~where the telecommunication network is a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network;~~

~~wherein the first channel is configured for use with the second channel during a single telephone call.~~

9. (previously presented): A directory enquiry facility according to claim 8, wherein the facility further comprises means for issuing an action command which causes the terminal to determine the telephone number from the numeric string and store that telephone number in a memory of the terminal provided for direct dialing of the telephone number.

10. (previously presented): A terminal for a telecommunication network, the terminal comprising:

means for connecting over the telecommunication network to a directory enquiry facility on a line with a first channel for voice transmission and a second channel for data transmission;

means for transmitting on the first channel for voice transmission an enquiry with data

describing a desired subscriber;

means for receiving on the second channel a telephone number of a subscriber sent from the directory enquiry facility in the form of a numeric string;

means for determining the telephone number from the numeric string; and

memory means for storing the telephone number and can for yielding the telephone number for direct dialing of the subscriber,

wherein said terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

11. (previously presented): A directory enquiry telephone number transmission system, comprising:

means for transmitting an enquiry with data describing a desired subscriber from a terminal to a directory enquiry facility on a first channel for voice transmission;

means for transmitting a telephone number in the form of a numeric string from the directory enquiry facility to the terminal on a second channel for data transmission;

means for receiving the numeric string at the terminal;

means for issuing an action command by the directory enquiry facility to cause the terminal to determine the telephone number from the numeric string and to save the telephone number in the memory in the terminal provided for direct dialing of telephone numbers,

wherein said terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

12. (currently amended): A directory enquiry facility comprising:
a receiving module configured to receive from a terminal connected to a telecommunication network, with a line with a first channel for voice transmission and a second channel for data transmission, an enquiry with data describing a desired subscriber, the receiving module receiving the enquiry on the first channel;

a converter configured to convert a telephone number into a numeric string; and
a transmitter configured to transmit the numeric string to the terminal on the second channel,

~~where the telecommunication network is a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network;~~

~~wherein the first channel is configured for use with the second channel during a single telephone call.~~

wherein the receiving module is configured to receive on the second channel a message sent by the terminal indicating to the directory enquiry facility a request for further information.

13. (previously presented): The directory enquiry facility of claim 12, wherein the facility is configured to issue an action command to cause the terminal to determine the

telephone number from the numeric string and to store the telephone number in a memory of the terminal provided for direct dialing of the telephone number.

14. (currently amended): A terminal in a telecommunication network comprising:
a connecting module configured to connect over the telecommunication network to a directory enquiry facility on a line with a first channel for voice transmission and a second channel for data transmission, and to transmit on the first channel an enquiry with data describing a desired subscriber;
a receiving module configured to receive on the second channel a telephone number of a subscriber sent from the directory enquiry facility in the form of a numeric string and to determine the telephone number from the numeric string; and
a memory configured to store the telephone number and to yield the telephone number for direct dialing of the subscriber,

~~where the telecommunication network is a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network;~~

~~wherein the first channel is configured for use with the second channel during a single telephone call.~~

wherein the connecting module is configured to send a message to the directory enquiry facility on the second channel indicating to the directory enquiry facility a request for further information.

15. (currently amended): The process according to claim 5, wherein the telecommunication network comprises an ISDN network and the second channel is a D channel of the ISDN network.

16. (previously presented): The process according to claim 5, wherein the first channel and the second channel are configured to transmit signals at substantially the same time.

17. (previously presented): The process according to claim 5, wherein the first channel for voice transmission and the second channel for data transmission are configured to transmit signals during a single telephone call.

18. (new): The process according to claim 5, wherein the telecommunication network comprises a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network.

19. (new): The process according to claim 5, wherein the first channel is configured for use with the second channel during a single telephone call.

20. (new): The directory enquiry facility according to claim 8, wherein the telecommunication network comprises a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network.

21. (new): The directory enquiry facility according to claim 8, wherein the first channel is configured for use with the second channel during a single telephone call.

22. (new): The directory enquiry facility according to claim 12, wherein the telecommunication network comprises a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network.

23. (new): The directory enquiry facility according to claim 12, wherein the first channel is configured for use with the second channel during a single telephone call.

24. (new): The terminal according to claim 14, wherein the telecommunication network comprises a GSM mobile telephone network and the second channel is an organization channel of the mobile telephone network.

25. (new): The terminal according to claim 14, wherein the first channel is configured for use with the second channel during a single telephone call.

26. (new): The process according to claim 5, wherein the terminal includes an input device, and the terminal sends the message to the directory enquiry facility on the second

channel indicating to the directory enquiry facility a request for further information when an input is received by the input device of the terminal.

27. (new): The terminal according to claim 14, further comprising a keyboard, wherein the connecting module is configured to send a message to the directory enquiry facility on the second channel indicating to the directory enquiry facility a request for further information when a key is pressed on the keyboard of the terminal.

28. (new): The process according to claim 5, wherein the telecommunications network comprises an analog network, and wherein the second channel is an in-band signaling channel.